NEWSLETTER

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

2012 VOLUME 1, ISSUE 1

A Word from Your Board Chair

Board meetings are open to the public, and attendance by licensees is always encouraged. Meetings are held at the Indiana State Government Center, 402 West Washington Street, Indianapolis, Indiana and begin at 8:30 a.m. Below are the dates for the 2012 year:

January 19

March 15

May 15

July 19

September 20

November 15

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Greetings, my fellow engineers! I'm proud to be serving as the board chair for the State Board of Registration for Professional Engineers.

The board has the responsibility to regulate the engineering profession to protect the safety and welfare of the people of Indiana. To that end, the 2012 board looks forward to a challenging and industrious year.

Each year our board sets goals for the upcoming year. One of the board's goals during the past several years was to establish a continuing education requirement for professional engineers licensed in the State of Indiana. This last year, through 864 IAC Rule 15, Indiana became the 38th state to enact this requirement. As we move into the new year, we will be monitoring how the process is working in order to insure a smooth and workable system.

This year the board has two primary goals. First, we have established a committee to investigate and determine if any of the Indiana code or Indiana administrative code that pertain to the practice of engineering need to be modified or modernized. An example of this is a proposed Indiana Code change allowing computer-based testing for the engineering fundamentals examination. Presently, our code requires written, 8-hour exams. The new statute, if passed will accommodate the new computer-based testing that will be offered through the National Council of Examinations for Engineering and Surveying (NCEES). Second, as mentioned above, we will be reviewing Rule 15 on continuing education to determine if any "tweaks" need to be made to the course approval or approved organization process. In addition, we will be discussing the auditing process and how it might work successfully when the first audits begin in August of the year 2012.



By John Sauer, Board Chair

"The board has the responsibility regulate the engineering profession protect safety and welfare of the people of Indiana...to that end. the 2012 board looks forward to a challenging and industrious vear."

Welcome from the Board Director

Welcome to the inaugural newsletter for the State Board of Registration for Professional Engineers! The Board and the staff at the Indiana Professional Licensing Agency have worked together to bring you this, the first issue of your newsletter.

That's right! It's YOUR newsletter. Each issue will be packed with information regarding any changes that may have taken place in statutes, rules and polices, as well as how you can utilize the Indiana Professional Licensing Agency website to get the most out of

this useful tool; from renewing your license online to finding out what the requirements are regarding continuing education, it will be here.

Each issue will contain a list of frequently asked questions to help you find an answer to your question QUICKLY and EASILY. It is the hope of the Board and staff that you find the newsletter educational and informative. We welcome and encourage your feedback and suggestions. You may contact the Board with your comments at pla10@pla.in.gov.

Introductions: Please Meet Your Board Members...

John Sauer, 2012 Board Chair





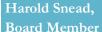
John Sauer is a mechanical engineer and a Senior Director of Engineering Design with BSA LifeStructures. John has 37 years of experience in various mechanical engineering studies and design projects for higher education and healthcare facilities involving heating, ventilation, vacuum, air conditioning, steam distribution, energy centers and piping design. John also has considerable experience in project management involving the coordination of many disciplines, including architectural, surveying, civil, structural, mechanical, electrical and plumbing engineering.

John is a LEED Accredited Professional and a Registered Professional Engineer in the states of Kentucky, Illinois, Ohio and Indiana, and is a member of the Indiana Board of Professional Engineers, the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the American Society for Healthcare Engineering (ASHE).

John has conducted numerous presentations which include: "Designing a 'NetZero Energy' Medical Office Building," *Midwest Healthcare Engineering Conference, 2010;* "Driving Innovation through an Integrated Design Approach," *Midwest Healthcare Engineering Conference, 2009;* "Fusion of Sustainability and Education at University of Notre Dame's Stinson Remick Hall," *Labs21 Conference, 2009;* and "The Healthcare Design Process," *Midwest Healthcare Engineering Conference, 2001.*

John has also been published in the following publications: "12 Ways to save Energy," Facility Care Ezine, January 2009; "Reducing Energy Cost," Healthcare Building Ideas, April 2006; "The Heat Wheel: A New Lab Experiment," Engineered Systems Magazine, October 2004; "Designing a Cold/Dry Air System for a Pharmaceutical Storage Facility," ISPEAK, March 2005; "Diagnosing Low Temperature Differential," ASHRAE Journal, June 1989; and "Utility Cost Savings for Steam Ejector Vacuum System," HPAC (Heating/Piping/Air Conditioning) Engineering, August 1985.

In addition to the above-named accomplishments, John has also been honored by the American Council of Engineering Companies (ACEC) Indiana's prestigious Grand Project Award in 2006 and 2011. John also placed first and is the recipient of the esteemed ASHRAE Regional Energy Award and ASHRAE National Energy Award. The Board is honored to have John serve as its board chair.







Neither the Department of the Navy nor any other component of the Department of Defense has approved, endorsed, or authorized this product [or promotion, or service, or activity. Harold D. Snead, Jr., P.E., FNSPE graduated from the University of Louisville with a Bachelor of Mechanical Engineering Degree in 1969. After graduating, Harold accepted a job as a mechanical engineer with the Naval Surface Warfare Center. He worked in the Crane Division as Gun Weapons Project Manager from 1969 to 2001.

In addition to having served as a civilian in the Navy, he is also a Life Member of the National Society of Professional Engineers, the American Society of Mechanical Engineers, and the Indiana Society of Professional Engineers, where he served as president from 1988-1989.

Harold serves as treasurer and board member of the Indiana University Christian Student Fellowship and assistant treasurer of Hillcrest Christian Church in Bedford, Indiana.

Harold was appointed as a State Board of Registration for Professional Engineers member in 2005, and in that time served in 2011 as the board chair.

Introductions: Please Meet Your Board Members (Continued)

Mark Downey, Board Member



In 2006, Mark was appointed to the Indiana State Board of Registration for Professional Engineers where he has served as both a member and as Chairman. During his tenure, he worked with his colleagues on the Board in the development of the rules for continuing education.

Having obtained a B.S. Degree in Civil Engineering from Purdue University in 1972, Mark is a registered professional engineer as well as a registered land surveyor in the State of Indiana.

Mark is also president of Commonwealth Engineers, Inc., a civil/environmental engineering firm located in Indiana and specializing in projects involving water including drinking water, wastewater and storm water. Mark has 38 years of experience providing engineering services throughout Indiana.









Board Members Not Pictured: Kenneth D. Spaulding, who has been registered as a professional engineer in Indiana since 1973.

Jim Erb, public member.

Vince Drnevich, the board's vice-chair, was born and raised in a suburb of Pittsburgh, Pennsylvania and is the oldest of 10 children. Vince received his B.S. and M.S. degrees in civil engineering from the University of Notre Dame and he completed his Ph.D. degree at the University of Michigan. While studying at Michigan, he met and married Roxanne M. Hosier, who was a research chemist for Parke Davis.

Professor Drnevich was on the faculty at the University of Kentucky for 24 years where he progressed through the academic ranks, did a four-year term as department chairman, served as acting dean of engineering for a year, and was a member of the Kentucky Registration Board. In 1991, he was recruited to Purdue University as the head of the School of Civil Engineering; a position he held until 2000. Over fifty students received graduate degrees with him as their advisor or co-advisor. His work is the basis of ASTM Standards. He holds six U.S. Patents

Vince Drnevich has been recognized for both his teaching (especially the senior design course at Purdue) and research by a number of national awards from the American Society of Civil Engineers (Huber Award and Norman Medal), the American Society for Testing and Materials (Hogentogler Award and Woodland G. Shockley Award), the American Society for Engineering Education (George Wadlin Award), and Chi Epsilon (Harold T. Larson Award and the James M. Robbins Award). He is active in many professional and technical organizations including the American Society of Civil Engineers (Fellow, Life Member, and Distinguished Member), the American Society for Engineering Education, the American Society for Testing and Materials (Fellow), the National Society of Professional Engineers (Fellow and 2010 P.E. Mentor of the Year), and the Indiana Society of Professional Engineers (Fellow) where he is a past president. In 2009, he was awarded the Diplomat of Geotechnical Engineering (D.GE) by the Academy of Geo-Professionals. He is a licensed professional engineer in Indiana. In 2008, he was appointed by Governor Mitch Daniels to the Indiana Board of Registration for Engineers. He is the faculty advisor to the PSPE Chapter and its Rube Goldberg Team and the Geo-Institute Graduate Student Organization. He has provided many short courses and presentations on professional and technical issues, especially on the topics of ethics, professionalism, and continuing education.

Vince and his wife, Roxanne, celebrate 45 years of marriage; have four grown children and four grandchildren. They both are active in their church and are avid golfers, ballroom dancers, and college sports fans.

Introductions: Please Meet the Board's Administrative Staff

Bernice Harter, Case Manager

Bernice worked with the U.S. Army as a Civilian Employee in the Enlisted Records and Evaluation Center Division for thirty-one years. While there, she maintained personal records for all the enlisted soldiers on active duty, after which she opted for an early retirement.

After retiring from the U.S. Army, Bernice worked at various jobs until the opportunity became available for her to start working with the State of Indiana. Her first job in state employment was with the State Personnel Department (SPD) where she verified the employment of all state employees. After working with the SPD for four years, the office was downsized and Bernice seized the opportunity to begin working with the Indiana Professional Licensing Agency (IPLA). She has been with the IPLA for about three years. She began working with the Indiana Real Estate Commission, and has since begun working with the State Board of Registration for Professional Engineers, State Board of Registration for Land Surveyors, Board of Registration for Architects & Landscape Architects, and Indiana Plumbing Commission.

Bernice is the proud mother of two daughters and the proud grandmother to two beautiful granddaughters.

Douglas Dake, Case Manager

Douglas was born in Indianapolis, and spent the first six years of his life in Phoenix, Arizona, and then the next seven in California. At the age of thirteen, Douglas and his family moved back to his city of origin, Indianapolis, Indiana. Douglas graduated from North Central High School in 1975. He began working in the restaurant industry until he started his long-lived career in sales by joining the Sysco Food Service team in 1987.

Prior to Douglas' employment with the Indiana Professional Licensing Agency (IPLA), he was in the sales field for twenty four years. In that time, he has sold institutional groceries in the commercial industry, cars in the automotive industry, and home improvement goods and services to homeowners.

Douglas joined the IPLA team on June 14, 2011. His change in career has allowed he and his family to enjoy a better lifestyle. Douglas is the proud father of five children and grandfather to five wonderful grandchildren.

Crystal Heard, Assistant Board Director

Crystal Heard is the Assistant Board Director for the State Board of Registration for Engineers. She earned a Bachelor's Degree of Science from the School of Public and Environmental Affairs and also earned a Certification of Nonprofit Management from Indiana University (Indianapolis). She has a Master's Degree in Public Administration from Bernard Baruch College of New York, NY.

In those rare moments when she can be alone she likes to sleep, read a good book and have a nice glass of wine. In other moments, she enjoys laughing with her

Christina Wiseley, Board Director

Christina grew up in the City of Madison, Indiana. After graduating high school, she moved to Ball State University (BSU) where she attended for two years.

After leaving BSU, Christina began her career in state employment. She became gainfully employed with the Indiana State Department of Health, where she worked as a State Weights and Measures inspector from 1992-1999.

During this time, she married her husband, Jarrod Wiseley, and in 1999 she took off work to have their son, who is now twelve years old. In 2002, after having stayed home with her son for three years, Christina returned to the work force as a case manager with the Board of Nursing at the Health Professions Bureau. She worked with the Board of Nursing for three years, until July 2005, when she was offered a promotion to take the position as assistant board director with the State Board of Cosmetology Examiners and State Board of Funeral and Cemetery Service.

Christina served as the assistant board director with these boards from July 2005 until May 2011 when she assumed the role of board director with the State Board of Registration for Professional Engineers, State Board of Registration for Land Surveyors, Board of Registration for Architects & Landscape Architects, and Indiana Plumbing Commission.

Christina has a total of seventeen years in public service, and is currently enrolled in Indiana Wesleyan University's Business Information Systems Bachelor's program. She expects to complete her courses in August 2012, and graduate in December 2012.

Continuing Education

As you are probably aware, the topic of continuing education (CE) is of particular concern to many of the professional engineer registrants in the State of Indiana. It is our goal at the Indiana Professional Licensing Agency (IPLA) that, after you read this material, you will be well-informed and confident about what you need to do to comply with the CE requirement.

On August 18, 2010, Rule 864 IAC 1.1-15 was adopted. This is the rule that pertains to the new CE requirement for professional engineers to renew their license as active. In short, the rule requires professional engineers to obtain a minimum of thirty (30) hours of CE in every two-year renewal cycle. The first CE audit will be conducted after the July 31, 2012 renewal cycle has completed.

"So, what are the specifics?," you ask.

Below is a summary of the CE requirement. At the end of this article is a power point presentation that covers :

- Continuing education is defined as an orderly process of instruction that is approved by an approved organization or approved by the State Board of Registration for Professional Engineers and is designed to directly enhance the practitioner's knowledge and skill in providing services relevant to the practitioner's profession or occupation.
- An "hour" of CE means at least fifty (50) minutes of instruction or course contact time. Some CE sponsors refer to contact hours as "CEU" or "PDH". Either term is considered one (1) hour of CE.
- 3. The license period or cycle during which continuing education must be met commences on August 1 of even-numbered years and concludes on July 31 of the following even-numbered year. The license period or cycle during which CE must be met is also called the "biennium".
- This CE requirement first applies to the biennium of August 1, 2010, through July 31, 2012. Therefore the requirement first applies to the July 31, 2012 renewal.
- Except for holders of an inactive certificate, a professional engineer shall complete thirty (30) hours of CE during each biennium.
- Of the thirty (30) required hours, one (1) of the hours must be in engineering ethics.
- 7. Of the thirty (30) required hours, one (1) of the hours must be in the study of Indiana State Board of Registration for Professional Engineers' statutes and rules.
- 8. A professional engineer initially licensed in Indiana

- in the first year of a biennium shall only be required to obtain fifteen (15) hours of CE for that biennium.
- A professional engineer initially licensed in Indiana in the second year of a biennium shall not be required to obtain any CE for that biennium.
- 10. Up to fifteen (15) hours of CE obtained during a biennium beyond what is required for that biennium may be carried over to the next biennium.
- The effective date of the rule is August 18, 2010. However, continuing education obtained from August 1, 2010 — July 31, 2012 may count towards the continuing education due on July 31, 2012.
- 12. It is your responsibility to ensure that the course you take is an approved course and that it is specifically designed to enhance your practice of engineering. The Board would like to see professionals taking courses that pertain to their field of expertise. For instance, if you are a structural engineer and you take a course regarding nuclear or genetic engineering, the board may question how this pertains to your specific field of structural engineering.
- 13. "Approved organization" refers to 1) United States Department of Education, 2) Council on Post-Secondary Education, 3) Joint Commission on Accreditation of Hospitals, 4) Joint Commission on Healthcare Organizations, 5) Federal, state, and local government agencies, 6) A college or other teaching institution accredited by the United States Department of Education or the Council on Post-Secondary Education, 7) A national organization of practitioners whose members practicing in Indiana are subject to regulation by a board or agency regulating a profession or occupation under this title, 8) A national, state, district, or local organization that operates as an affiliated entity under the approval of an organization listed in subdivisions (1) through (7), 9) An internship or a residency program conducted in a hospital that has been approved by an organization listed in 1-7 above. or 10) Any other organization or individual approved by the board. (continued on page 6)
- 14. Continuing education courses for professional engineers approved by an approved organization, as determined in #13 above, are automatically approved.

- 15. Continuing education courses may be approved by the board provided the sponsoring organization has submitted the proper documentation.
- 16. If a course isn't offered by an approved organization as described in #13 above, you may visit the Indiana Professional Licensing Agency, State Board of Registration for Professional Engineers CE webpage to view a list of board-approved courses. If the course is not listed on the website, and the sponsor of the course is not an approved organization, the course may not be approved. If the provider indicates that the course is approved, you should ask for the course approval letter that the sponsor received from the State Board of Registration for Professional Engineers upon the course's approval. If this cannot be provided, it is not an approved course yet. The list is updated monthly.
- The sponsor of the course is responsible for monitoring attendance in such a manner that verification of attendance throughout the entire course can be reliably assured.
- 18. The continuing education course shall have a statement of objectives, which the program should achieve for its participants relating to and enhancing the practice of engineering.
- 19. The sponsor of continuing education courses shall provide adequate administration, including a responsible person to coordinate and administer the program; and provide for the maintenance of proper records.
- 20. The curriculum of a continuing education course shall be thoughtfully planned and designed to explore in considerable depth one (1) subject or a closely related group of subjects related to the practice of engineering.
- 21. The CE course shall have qualified instructors who have demonstrated competence in the subject areas, be held in adequate facilities that allow for an effective program, and employ a variety of educational methods and teaching aids that enhance the learning opportunities.
- 22. Appropriate methods of evaluation shall be devised and used to measure the CE course's effectiveness.
- 23. The sponsor of the CE course shall provide to the participants a meaningful record of attendance stating the continuing education hours involved, such as a certificate of completion.
- 24. The practitioner shall retain copies of certificates of completion for continuing education courses for three (3) years from the end of the licensing period for which the continuing education applied.

- 25. The practitioner shall provide the board with copies of the certificates of completion upon the board's request for a compliance audit.
- 26. Continuing education may be obtained via distance learning methods.
- 27. Courses that are relevant to the professional engineer's professional skills, which are part of the curriculum of an accredited university, college, or educational institution shall earn a student fifteen (15) hours of CE for each academic semester hour completed and ten (10) hours of CE for each academic quarter hour completed.
- 28. Teaching a course at an accredited university, college, or educational institution shall earn two (2) times the number of hours a student is allowed, but only for the **first** time the instructor teaches the course.
- 29. Services as an instructor or presenter at a qualified CE course earn one (1) hour of CE for each hour taught, but only for the initial instruction or presentation.
- 30. When you renew your license on active status, you will be required to sign a statement indicating that you have obtained the required CE. You will not need to submit proof of your CE at that time. You will submit it only if it is requested of you for a CE audit or a late renewal.
- 31. If you have **not** obtained the required CE when you renew, you should renew as "Inactive," obtain your required CE, submit proof of having obtained the CE, and request the status of your license be changed to "Active." Practicing on an inactive license is a violation of the State Board of Registration for Professional Engineers statutes and rules.
- 32. If a registrant is not able to fulfill the CE requirement due to a hardship that resulted from service in the armed forces of the United States during a substantial part of the renewal period, an incapacitating illness or injury, or other circumstances as determined by the board. See the statutes and rules for specific guidelines of the documentation to be submitted with a request for a waiver of the CE requirement; specifically, 864 IAC 1.1-15-8.

Helpful Links

Following are links to engineering societies, institutes and fraternities that you may find helpful:

<u>Indiana Society of Professional Engineers</u>

ASM International (society)

<u>American Council of Engineering Companies</u>
<u>Eta Kappa Nu</u>

ACEC—Indiana Institute of Biological Engineering

American Academy of Environmental Engineers Institute of Electrical and Electronics Engineers

<u>Audio Engineering Society</u> <u>Institute of Industrial Engineers</u>

<u>American Indian Science and Engineering Society</u> <u>Institute of Transportation Engineers</u>

American Institute of Aeronautics and Astronautics National Academy of Forensic Engineers

<u>American Institute of Chemical Engineers</u>
<u>National Society of Black Engineers</u>

American Railway Engineering Association National Society of Professional Engineers

<u>American Society for Engineering Education</u> <u>Order of the Engineer</u>

American Society of Agricultural and Biological EngiSociety of American Military Engineers

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Society of Automotive Engineers

American Society of Civil Engineers

Society of Broadcast Engineers

American Society of Heating, Refrigerating and Air-

<u>Conditioning Engineers</u>

Society of Fire Protection Engineers

American Society of Mechanical Engineers

Society of Hispanic Professional Engineers

<u>American Society of Naval Engineers</u>

Society of Manufacturing Engineers

American Society of Plumbing Engineers

Society of Naval Architects and Marine Engineers

<u>American Society of Safety Engineers</u>
Society of Petroleum Engineers

<u>American Society of Test Engineers</u>

Society of Women Engineers

American Society for Nondestructive Testing

Tau Beta Pi Engineering Honor Society

Frequently Asked Questions...

OUESTION:

I need to renew my registration. How do I take advantage of the secure, convenient, online renewal system?

ANSWER:

To renew your license online, all you have to do is go to the Indiana Professional Licensing Agency website and use the <u>MyLicense</u> feature. It will ask you for your primary license number and your password. Your password will be the last four digits of your social security number. Simply login and follow the simple instructions provided on each page.

QUESTION:

I have tried to renew my registration online and I received an error message indicating that the information I entered is incorrect. What can I do to resolve this issue quickly and easily?

ANSWER:

While most registrants never encounter a problem when renewing their registration on our secure website, every once in a while there's a small glitch.

If you receive a message that the information you entered is incorrect, it's probably one of three issues. First, you should verify that the registration number you entered is correct. A valid registration number for a professional engineer is ten digits long, begins with "PE", and is followed by eight numeric digits. A valid registration number for an engineer intern is the same, except it begins with "ET". If you need to verify your registration number, you may go to our *Free Search and Verify* feature to look up your license number using your name. It's fast and easy to use!

Second, if you have multiple license numbers with the agency, it's possible that another license is your primary license number. For example, if your engineering registration number doesn't work to log you into the system, your land surveyor or architect registration may be your primary license number.

Finally, if the registration number you entered is valid, then the problem may be with the social security number that is in the licensing database. In order to verify this, you will need to email the IPLA staff to notify them that there may be an issue with your social security number and request guidance, or call the office at (317) 234-3022 and speak with a case manager to assist you in making the correction. During renewal times, the phones are very busy and it may be difficult to reach a case manager by phone, so emailing is recommended. If the social security number varies by more than a digit or two, you will be required to submit a copy of your social security card for verification.

QUESTION:

I successfully renewed my registration online or by mail, but I haven't received the card in the mail. Where is it?

ANSWER:

While the Indiana Professional Licensing Agency has been able to send a courtesy license card to registrants in the past, we are no longer able to print and mail registration cards free of charge. This change was implemented in 2009. However, you may go to the Indiana Professional Licensing Agency website and use the <u>License Express</u> feature to print a free registration card or purchase a card that will be printed on blue certificate card stock and mailed to you. The cost of the purchased card is \$10.00 + \$3.77 in processing fees, for a total of \$13.77. The processing fees are charged by the Indiana Office of Technology, not the Indiana Professional Licensing Agency.

QUESTION:

What continuing education courses are approved that will apply to my Indiana continuing education requirement?

ANSWER:

You may view the <u>list of board-approved courses</u> on the Indiana Professional Licensing Agency, State Board of Registration for Professional Engineers' website. You may also take any course that is offered by an approved organization. Courses offered by approved organizations are automatically approved if they are applicable to enhancing the practice of engineering.

Frequently Asked Questions...Continued

QUESTION:

What is the difference between board-approved continuing education courses and automatically approved continuing education courses through an approved organization?

ANSWER:

An **approved organization** may offer continuing education courses without explicit board approval, *provided that the* course is applicable to enhancing the practice of engineering (this should always be considered when deciding what continuing education courses to obtain). As such, if the course is offered by an approved organization and is applicable to enhancing the practice of engineering, it is **automatically approved**.

An approved organization is defined as one of the following:

- 1. The United States Department of Education.
- 2. The Council on Post-Secondary Education.
- 3. The Joint Commission on Accreditation of Hospitals.
- 4. The Joint Commission on Healthcare Organizations.
- 5. Federal, State, and Local Government Agencies.
- 6. A college or other teaching institution accredited by the United States Department of Education or the Council on Post-Secondary Education.
- 7. A national organization of practitioners whose members practicing in Indiana are subject to regulation by a board or agency regulating a profession or occupation that is licensed by the Indiana Professional Licensing Agency. An example of this would be courses offered by the National Society of Professional Engineers.
- 8. A national, state, district, or local organization that operates as an affiliated entity under the approval of an organization listed in 1-7 above. An example of this would be courses offered by an engineering firm whose courses are approved by another state agency such as the Illinois Department of Professional Regulation—the engineering firm is an affiliated entity under the approval of a state agency, as referenced in number 5 above.
- 9. An internship or a residency program conducted in a hospital that has been approved by an organization listed in 1-7 above.
- 10. Any other organization or individual approved by the board as an approved organization. An organization may apply with the board for approval as an approved organization. If approval is granted, the organization would not need to submit approval for each course provided that the courses offered are applicable to enhancing the practice of engineering. To date, there has been one organization that has applied and has been approved by the board as an approved organization.

A **board-approved** continuing education course is a course for which the sponsor has applied directly to the board for approval because that sponsor does not fall under the purview of an approved organization, as listed above.

QUESTION:

I'm still not sure...are the courses I've taken for my continuing education requirement in another state applicable to my continuing education requirement in Indiana?

ANSWER:

If the courses you have taken are applicable to enhancing the practice of engineering and are approved by another state's board, then the course would be approved provided that it is applicable to practice as an engineer in Indiana. For example, if a course pertaining to the statutes and rules for another state, mandated by the other state, it would not be applicable for the Indiana requirement. However, a course relating to the practice of engineering that is approved by another state's board would be applicable to meeting the Indiana requirement.

Frequently Asked Questions...Continued

QUESTION:

What Indiana professional associations offer the two (2) mandatory courses; one (1) hour of engineering ethics, and one (1) hour of Indiana Statutes and Rules?

ANSWER:

Both of the following Indiana associations* offer the mandatory courses online (listed in alphabetical order) at a competitive cost:

American Council of Engineering Companies, Indiana Chapter

Indiana Society of Professional Engineers

*The Indiana Professional Licensing Agency does not endorse or favor any continuing education sponsor. As such, if you know or represent any Indiana association that is comprised of Indiana registered professional engineers and would like its link to be added here, please contact us via email.

QUESTION:

I have a friend or colleague who has let their registration lapse. What does that person need to do to reinstate their registration to active?

ANSWER:

If the registration has been expired **less than three years**, the individual must complete a renewal application, submit the completed renewal application with the renewal fee of \$100.00 plus a late fee of \$50.00 (for a total of \$150.00) and submit both to the State Board of Registration for Professional Engineers at the address below.

State Board of Registration for Professional Engineers 402 West Washington Street, Room W-072 Indianapolis, IN 46204

If the registration has been expired **more than three years**, the individual must complete a renewal application, submit the completed renewal application with the renewal fee of \$100.00 plus a fee equal to the current application fee of \$300.00 (for a total of \$400.00) and submit both to the State Board of Registration for Professional Engineers at the address above. The individual will be asked to submit information pertaining to the projects completed during the time that the registration was lapsed. The board will review the application to determine if remediation and additional training is appropriate given the lapse of time involved, and the registrant may be required to make a personal appearance to the board.

Unlicensed Practice and What You Can Do About It

Indiana's State Board of Registration for Professional Engineers ("Board") serves as the regulating body for nearly 14,000 professional engineer and many more engineer intern registrations in the State of Indiana. Engineering is comprised of many complex fields that require significant education and experience of the individuals who desire to become registered as such. As with many professions, the world of engineering has unlicensed practice, which is certainly not fair to those who complete the education and experience, and expend effort and money to become registered to practice within the law.

The Board's primary duty is to protect the health, safety and welfare of the consumers of the State of Indiana. A new instrument has become available to the Board to do that. In July 2010, Indiana Code § 25-1-7-14 "Cease and Desist Orders" became effective. This statute grants the Board the authority to police unlicensed practice. Prior to this rule, the Board had no jurisdiction over those practicing engineering without a registration in the state.

Previously, the remedies available allowed the Office of the Attorney General or a county prosecutor to request an injunction in a trial court, pursue the action through

a prosecutor as a Class B misdemeanor, or seek protection through the Deceptive Consumer Sales Act, or allowed an individual in a county where the unlicensed practice allegedly took place to file suit. These processes, while meaningful if utilized, took a significant amount of time which is not the objective when seeking to quickly eliminate unlicensed practice.

The new Cease and Desist statute is comprised of a multiple-step process which involves multiple parties. If the Board believes that a person is engaged in unlicensed practice, it may file a complaint with the Office of the Attorney General for a mandatory investigation under IC § 25-1-7-14 (a). After investigating, the Office of the Attorney General may file a motion for a Cease and Desist Order, which the Board will review, and if it considers it appropriate, will set the matter for an Order to Show Cause hearing before the Roard.

An Order to Show Cause ("OTSC") hearing allows each side to present evidence as to why the individual should or should not be licensed in the State of Indiana. The OTSC hearing follows the requirements of the Administrative Order and Procedures Act under Indiana Code § 4-21.5. Once the OTSC hearing occurs, the Board deliberates

and votes as to whether a registration was necessary for the individual's alleged practice. If the Board decides no registration was necessary, then the matter is dismissed. If the Board decides registration was necessary, the Board issues a Cease and Desist Order which is enforceable in any circuit or superior court. If the individual continues to practice after the Cease and Desist Order is issued then they are subject to contempt of court. It is important to note that the Cease and Desist Order does not absolve anyone of potential criminal prosecution.

This process provides the Board with a new tool which will allow the board to identify and curb unlicensed practice in a timely manner. Allowing only licensed practice in the State of Indiana reinforces the importance that the proper education and experience have in the world of engineering, and lends more integrity to being a registered professional. We hope that you will avail yourself of the opportunity to report unlicensed practice when you see it occur. Reports of unlicensed practice may be mailed to the State Board of Registration for Professional Engineers at 402 West Washington Street, Room W-072, Indianapolis, Indiana 46204, or emailed to pla10@pla.in.gov.

Professional Engineer Licenses with Outstanding Disciplinary Action

(as of January 1, 2012, within the last five years)

Bruce Bellen

<u>John Baas</u>

Robert P. Chi

Probation

Voluntary Surrender

Revocation

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Documentation

Complaint Final Order

Complaint Final Order

Engineer Intern Registrations Issued in the Year 2011

Abshier, Ryan E. Aguilar, Adriana Al Dwekiat, Bas Aldrich, Austin L. Alexander. Joe Ali-Yerima, Tamika Maesha Allen, Robert N. Alquraini, Meshari Amin, Shamik Hiten Anderson, Andrew Ang, Alvin B. S. Anzueto, Eduardo C Annie Alexander Armstrong, Mich Atkinson, Benjamin L. Augugliaro, Alexander Louis Backler, Daniel Aaaron Baker, Brandon D. Baker, Garrett H. Bales, Adam M. Barger, Casey A. Bartos, Joseph K. Baum, Matthew Robert Bauman, Mark Alan Beckett, Eliabeth M. Beiermann, Eugene A Beltran, Katherine F. Beltsar, Olga A. Berry, Kathleen Carol Bibby, Kyle James Bierer, Phillip Michael Andreas Bland, Brian Matthew Boaz, Elilzabeth Anne Bobby, Sarah Michelle Bochnowski, Katelyn Luise Boehne, Benjamin Craig Bohnert, Michael Joseph Bongiorno, Thomas William Borgnini, Anthony Lean Borth, Jeffrey David Bowden, Adam James Boyle, Matthew Dillard Brame, Joel Thomas Brehl, Genevieve McCabe Brisson, Andrew Daniel Britt, Sean Edward Brown, Derrek Scott Browne, Jasmine Browning, Sarah Elizabeth Brroks, William Brunner, Robert Weldon Bruns, Michael James Buchanan, Jordan Allan **Buchs. Cory Michael Bullock**, Wesley Jacob Bulow, James Nathan Burbrink, Philip Michael **Bush, Phillin Bartlett** Butkauskas, Nathaniel J Butler, Chad Michael Callahan, Nicholas Th Campbell, Jennifer I Cannon, William Matthew Capshew, Benjamin Robert Cardi, Adam A Carey, Shane Mitchel Carington, August Charles Carl. Aaron J Carlson, Joel S. Carroll, Stuart M., Jr. Casey, Troy A. Caylor, Robert Edward Ceisel, Kevin Joseph Chadd, Nicholas Charles Che, Allan Wilso Cheng, William Chi-Yat Chopra, Angad Sing Clark, Robert G. Clary, Virgil Joseph Cody, Amanda Renee Cole. Alexander Tucker Comstock, Gregory Jay Comstock, Tyler M Conway, Jonathan Cooley, Bruce Laurence Coressel, Katherine Lee Cousin, Julius Samuel, III

Cummings, Troy Rolland Curts, Bradley G Daily, Kelly Erin Davis, Austin T Davis, Derek T. DeBoer, Jared A. DeSollar, Samantha J. Dewes, Charles Patrick Dev. Nilashis Dobosz, Michael Danie Donahue, Alissa Cronin Dosa, Matild Doughty, Derik Claval Drenten, Stephani Duffy, Kimberly A. Duffy, Michael P., Jr. Dumas, Devrelle Delia Dunlap, Ryan Jar Eickhoff, Jonathan Kent Elpers, Emily Jayne Embry, Brian David Emch, Jeffrey J. Esaki, lan Hideaki Evans, Jeffrey Michael Falk, Ryan Christopher Fay, Brendan Andrew Fedor, Aaron Matthey Fidoruk, Brian Anthony Fields, Hunter Douglas Filar, Andrew Joseph Filberte, Gary Fitzgerald, Luke Christophe Foote, Emily Ann Freeman, Alexander Mark French, Kendall Jones Frey, Cody Ryan Fritsch, Benjamin Jacob Funke, Katharine Ann Fuson, Michael Gandhi, Justin Andrew Gates, Christopher Ada Gavelek, Michael Matthew Gerretse, Justin Lee Geshwilm. Matthew Ray Gibbs, Christopher Wayne Gill, Jeremiah David Gilmore, Donald Ray Glander, Mary Godshall, Kevin Walter Goebel, Heather Marie Goff, Micah Kent Golubski. Adam Edwim Goodwell, Allison Eva Goosby, John Davidson, III Gorgol, Andrew Zachary Grabinski, Chadwick Granderson, Matthew I. Granum, Mark Randel Green, David C Greffe, Jennica Ra Gross, David C. Grossmann, Nathaniel Mark Grupe, Mindy Michelle Guest, Daniel Frederick Gustafson, David John Hagen, Erik L. Hagen, Thomas Chandler Hahn, Jessica Marie Halbig, Benjamin A Hancock, Marc W. Hankins, Sean Benjamin Harden, Steven Junior Harris, Kevin S. Harstad, John Edward Harvan, Eric Jeffrey Harvey, Logan Aaron Hastings, Victoria Catherine Havhurst, Paul Robert Heguy, Scott D. Held, Emily Rose Helfert, Sue E. Henke, Theresa Rose Hicks. Philip Clayton Hill Samuel Claude IV

Hitchler, Edward Wagne Hockett, Stephen Kiel, J. Hohlier, Joseph Steven Holder, Grant Alexande Hollenkamp, Eric Scott Hommes, Paul Hong, Oliver Hopkins, Steven Jerod Horan, Craig Andrew Horbovetz, Aaron Michael Horton, Kyle Lawrence Hott, Zed Z. Houston, Elaine Faith Howser, Rachel Nicole Hu. Yitian Hulette, Brian H. Humes, Richard Perry Hunt. Brian J. Huse, Charles Edward Huseinovic, Ljubinka Imanto. Dinta Jackson, Joshua Paul Jackson, Nathaniel Arthur Jain, Harsh Vardhan Janes, Michael Robert Jessup, Sean Benjamin Iones, Galen Windle Julian, Kristen Ellen Julian, Stuart Taylor Jun, Brian H. Juszczak, Steven John Kacic, Alexandra Marie Kaiser, James A. Kalkstein, Stefan Kansalis, Dimitri Stephen Kelly, Jeffrey Michael a Margaret Kennedy, Matthew John Keppner, Kyle J. Keppy, Douglas Khan, Sajid Ali Kiefer, Aaron Charles Kimmel, Jason Lynn King, Bradley William Kinkoph, Mark Anthony Kirsch, Evan Klenk, leffrey Fuger Kless, Amy Elizabeth Knight, Nolan Jame Kocher, Jonathan Ryan Koegel, Maureen Elizabeth Koester, Matthew Alan Kolhoff, Jonathan David Kompare, Philip Lewis Koontz, Brian R. Korsmeyer, Mich Kramer, Matthew J. Krantz, Michael Howell Krause, Anthony Douglas Krisher, Ronald Lee Kwong, Raymond Ling Fung Lafferty, Branham Ray Lange, Jeffrey William Langley, Patrick Clifford Larson, Emily M. Larson, Jonathan Timothy Laucher, Brad Michael Lauletta, Benjamin R. LaVanne, Joseph Scott Lee, Christopher Lee, Kevin James Leffler, Robert Austin Legler, Lauren E Leinenbach, Davin E. Letz, Niall Robert Liao. Tao Liberio, Michael L. Linville, Carter J Lipkowitz, Joni Moselle Lipscomb, Jessica Lynn Listerman, Joseph Todd, II Loehrlein, Matthew Robert Logan, Jacquelin S Lou, Xiaoxi Love, Joseph Kenton Lubbers, Riley Culligan Luther, Allison J Lutz. David Stepher

Mahlum, Kevin M. Malcomb, Allen L. Malola, Elizabeth H Maloney, Nicholas Rogers Markley, Jarod Christopher Martin, Jamis F Marvel, Samual Mathew, Monsu Mathai Nauer, Brittany Michelle Mavne, Kameron P. Mays, Selena Patricia Mc Gee, Daniel Joseph McAdams, Stephen F McCauley, Ryan Phillip McGlocklin, Matthew J McKinney, Kyle Dwayne McLaughlin, John D. McLean, Ryan Kelly Means, Rachel Ann Means, Troy Jacob Medlock, Angela Marie Meert, Lauren Nicole Merrifield, Erica D. Mershon, Stephanie Maria Meunier, Daniel Ray Miller, Correne Sue Mitchell, Dillon Alexander Mitkey, Stuart R. Mitros. Peter Thon Mizzen, David R. Moelker, Kyle Thomas William Mohammed, Ameed Shaban Mok, Rachel Verla Morand, Joseph Morario, John Andrew Morgan, Brandon C. Morin, Michael Thomas Morton, Philip Charles Mueser, Vincent N. Muhlenkamp, Jessica M. Murphy , Timothy Michael Murray, Jermey Cecil Noel, Samuel A. Norfleet, Michael Andrew O Donnell, Andrew Paul Oakley, Jonathan G. Odegard, Stephen E. Odeh. Hasan Nizar Odukomaiya, Oluwa Olson, Emma K. O'Malley, Patrick Thomas Osonwanne, Ndubueze Otte, Nicholas F. Pan. Ren Pandey, Udit Panzarella, Michael J. Parks, Perry Alexander Patel, Mehul Sanmukh Paterakis, Alexander Robert Pavlina. Cole Warner Pease, Bradley Step Peck, Christopher Webster Pekarek, Jeffrey R. Pendry, Brent N. Percic. Steven E. Pero, Katlyn M Perron, Daniel Patrick Peters, Christopher A. Petrovic, Vuiadin Pham. Kien Trung Pifer. Allison J. Porter, William S. Prater, Ryan D. Prochno, Daniel Joseph Prochno, Michael A. Pryor, Michael R. Pyle. David Michael Quigg, Katherine A Rachke, Jeffrey Micha Raff, Andrea J.

Ratko, Daniel John Rauwerdink, Davna Jack Rawn, Kyle A Reese, Cole M. Reising, Rebecca S. Reith. Benjamin S. Rendon, German, Jr. Rhoads, William J. Rice, Nicholas Stephen Richardson, Duncan Kopp Richardson, Ryan O. Riehle Mark A Riester, Kurt C. Roberts, Stephen Charles Rodgers, Braun S. Roethemeyer, Christina L. Rogers, Jonathan William Roggendorf, Daniel Bret Rooney, Michael P. Rowe, Megan E Rozsahegyi, Daniel J. Rubeck, Gregory W. Ruiz, Elizabeth Marie Rumpke, Nicholas H. Rydquist, Frank S Sakai, Stephen S. Salazar, Gerardo Antonio Salvacruz, Jeuz Alwyn Alidio Sandercock, Michael R Sanders, Joseph E., III Sanni, Faoziyath Yemissi Sarda, Minesh Satterfield. William Joseph, Jr. erland, Patrick D Savich, Philip Ryan Sawyer, David R. Saxena, Pooja Schaadt, Hilary Jane Scheid, Aaron J. Schenk, Kendra Marie Scherer. Brittany Nicole Scherschel, Joshua L. Schmitz, Bristol Rauen Schnautz, Alexander I. Scott, Robert A. Scudder, Matthew Patrick See, Tyler S. aus, Andrew Robert Seifers, Harold L., III Senter, Andrew Hilton Shaffer, Ryan J. Shatto, Kyle W. Shelide, Blake Sheline, William Robert Shirley, David Marcus Lee Shirude, Ajinkya Madhuka Shorts, Geoffrey Nicholas Shultz, Nicholas Lee Shuttleworth, Nicola Simpson, Lance Michael Siswoyo, Alvian Siwiec, Austen Jarrett Skaggs, Travis Eugene Sloderbeck, Michelle Smith, Kent D. Snively, Zachary Soong, Kimberly Le Anne Sowles, Alyssa L Sran, Gubinder Sighn St Clair, Erin M St. Clair, Joshua La Stagliano, Jenna L Stanley, Cleon P. Stathakis, Karl Michael Staton, Robert Wallace Steiner, Kathy Ann Stenger, Benjamin Troy Stewart, Matthew C Stivers, Zachary J Stoller, James D. Stoops, Ernest E Strayer, Joel Michael Strinka, Stephen Johnson Strinka, Zohar Maia Strobel, Matthew I Stroshine, Timothy Paul Sturdevant, Natha Sutjiono, Raymor Tabor, Nicholas R

Talarico, Nicholas Francesco

Tancred, James Anderson

Taylor, Andrew D. Teh, Wen Ling Thomas, Jerrod Michael Thomas, Megan Leigh Thompson, Joshua Ryan Tippmann, Allen Henry Toliver, Ivan Lamonte Tomori, Akinyemi Torrisi, Gregory Scott Travis, David F. Urbancic, Mark A. VanDeMark, Lindsey Michele Vannoy, Bernard Bradley Varner, Brian Lewis Veber, Brandon Carl Vietmeier. Courtney Lee Voss, Andrew M Wade, Cassandra Wahah, Sivali Waidelich, Jonathan David Walker, Melissa Lee Beulah Wallskog, Sarah Elizabeth Walsh, Steven Andrew Walters, Nina M. Waltz, David Thomas, II Wang, Timothy Warren, Jason Allen Watkins, Christopher Watson, Stephanie A. Weber, Dustin J. weiler, Sarah Kathryr Weinberg, Derek I Wegman, Joshua R. erg, Derek J Weisbrod, Richard S Werling, Chelsie Marie Wesley, Adam Louis White. Austin Paul Williard, Troy David Wilson, Christopher F B Wilson, Christopher Joseph Wilson, Kyle Andrew Wilson, Kyle L. Wilson, Teresa Punsalar Wilson, William Oliver Wilson, William Oliver Wiputra, Eduardo R. Withrow, Robert Laurence Woodcock, Elizabeth Anne Wu, Kan Xha, Violeta Yam, Morgan Yano, Kayla Haruko Yen, May Yoder, Michael Scott Yumru, Mete Can Zahm, Mary Kathryn Zahraee, Afshin H Zemina, Bryan Richard Zhang, Hanyu Ziccarelli, Andrew Joseph Zilz, David Paul Zoss, Steven John

Raj, Ajay

Raj, Vijay Ramli, Iskander

Raoufi. Kambiz

Lyons, Kendra A

Magiera, Todd J

Mahan, Cory A

Hirsch. Charles Nicholas

Maduakolam, Nnabuihe

Professional Engineer Registrations Issued in the Year 2011

Abbott, Michael C. Abboud, George A. Abdel-Messih, Maged Abou-Sabh, Sharif Abou-Sabh, Sharif Abrams, Todd O Adams, Timothy R. Adelman, William B. Ake, Emmanuel O. Albrecht, Melvin J. Allgaier, Jonathan W. Amann, Charles E. Anderson, David S. Anderson, Gene K Anderson, Thomas M. Antequino, Ronnald F. Antolick, G. Jeffrey Antoni, Christopher D. Archer, Shiloh A. Arends, Bobby L. Arends, Bobby I Arthur, Robert A. Awwad, Nathaniel Aybar, Christian R Aziz, Sherif A. AZIZ, SHERIT A. Back, Dan A Bailey, Eugene M. Baker, Zachary David Balakumar, Ramasubi Baldwin, Pamela B. . bramanivan Baldwin, Pamela B.
Ball, Jessica
Ball, Jessica
Baron, Michael Joseph
Barrett, Dann C.
Barry, William J.
Bartel, Eugene William
Bartsch, Andrew
Bashikhes, Mike G.
Basich, William Thomas
Bates, Brian S.
Beacom, Robert E.
Beasley, Dwight E.
Beasley, Dwight E.
Beeson, Matthew P.
Beitel, Charles Ralph
Bennett, Jason Robert
Bereda, James Edward
Berry, Timothy K
Bibby, James J.
Bien, Christopher
Bitther, Bruce T. Bittner. Bruce T Black, Jonathan Martin Blanchard, Jacob T. Bland, Christopher Michael Bland, Christopher M Boehmer, Charles F. Boeving, Chad David Bonus, Paul A. Borgard, Gregory D. Boring, Ryan W. Borst, Jeffrey R. Borst, Jeffrey R.
Bowyer, Jenmey Lynn
Bowyer, Jenmey Lynn
Bowyer, Jennifer E.
Bracken, William C.
Bracone, Joseph A
Bradstreet, Nina Carol
Bradway, Kevin C.
Brady, Robert Duane
Brandstetter, Benjamin
Breckler, James Richard
Brier, Daniel J.
Brinkerhoff, Michael E.
Brodowski, David Michael Brinkerhoff, Michael E. Brodowski, David Michael Broerman, Andrew Wayne Brooks, Christopher J Browder, Richard E. Brown, Robert A. Brown, Robert G. Brown, Robert A.
Brown, Robert G.
Bruck, John Mark
Bruns, Michael Philip
Brunson, Jeffrey W.
Bryan, Alan A.
Buerger, Matthew David
Buice, JBenny, Jr.
Bullerman, Eric Scott
Burch, Alan F.
Burke, Kim A
Burke, Stephen F.
Burr, Travis C.
Burt, Bruce A
Byford, Brent M.
Cagwin, Dale J.
Calabrese, Daniel M
Calvert, Thomas J.
Campbell, Tye
Candler, Robert Louis
Canfield, Barth Alan
Canham, Robert H
Carroll, Jason D.
Carsello, Victor G.
Cebulski, Jarrod J.
Cerbin, Jason P. Chaifetz, Carl A. Chambers, Brian P. Chandhuri, Kalyan Sanjeev Chang, Patrick C. Chandnuri, Kaiyan Sanjee Chang, Patrick C.
Chapman, David R.
Chapman, Glenn W.
Chapman, Richard A., II
Chen, Kenneth Q.
Cheney, Nathan L.
Chernet, Martha Tilahun
Cho, David E
Christenson, Jeremiah L.
Christesen, Peter J.
Clarke, Matthew D.
Clarke, Wade M.
Claussen, Robert J.
Cleary, David J.
Cleary, David J.
Cleary, David J.
Cleary, Made A.
Clevenger, Corey A.

Clinton, Stephen W. Cobb, Ronald B. Cochran, Duane L. Cochran, Phillip L. Cochran, Phillip L.
Colakogiu, Ahmet
Connor, Keith R.
Connors, Robert L.
Conover, Matthew Stept
Cook, Lori Ann
Cootk, Wichael Edward
Costley, Michael C.
Couturier, Joseph a.
Cowles, Gary D. E.
Coyle, Douglas Robert
Craig, Curtis J.
Crane, Rebecca A.
Crane, Travis G.
Cross, Ryan J. Crané, Travis G.
Cross, Ryan J.
Crowley, Michael A.
Culver, Joshua A.
Cummings, Troy Rolland
Cummins, Dennis S.
Cummins, Ryan M.
Cunningham, Daniel J.
Currier, Justin B.
Cutrell, Blake R.
Cyr. Kyle I. Dages, Cassidy Daita, Radhakrishna Daita, Radhakrishna Daita, Radhakrishna Daity, Daniel S. Daugherty, Jerry S. Daun, Mary F. Davenport, James G. Davidson, Derck W Davies, Theresa Davis, Frank E. Il Dean, John O'Malley DeBerg, Charles D Dell'Isola, John A DeLong, Jack M., Jr Dening, Robert J. Deni, Nicholas A. Denney, Thomas H. Denney, Thomas I Desjardins, Matth Dharia, Shraddha Desjardins, Matthew of Dharia, Shraddha Dickenson, Darren R. Dickey, David C. DiGluilo, Roger L. Dihle, Denise M. Dilworth, Brian P. Dishel, Marina Domenico, Peter J. Donolli, Matthew G. Drake, Daniel R. Drouet, Kevin L. Drozdowski, Eric R. Duffy, Martin James Duguid, Andrew J. Dunko, Douglas R. Dunko, Douglas R. Dunko, Douglas R. Derick, Brassam L. Eglerski, Ryan C. Eicher, Breagan P. Ekstrom, David H. Elder, James B. Ellis, Blake E. Filis, Blake F Ellman, Martin F Ellsworth, Richard L Elmer, John J. Elmore, Daniel R. Elsenbroek, Kisch Engel, Bradley Enlow, Brian M. Ennis, John M. Ernst, Michael C. Everett, Mark A. Facemyer, Luke T. Everett, Mark A.
Facemyer, Luke T.
Fairclough, Craig William
Farah, Muris Wadie
Farmand, Anthony E.
Farmer, Michial Don
Fedak, Neal G.
Feeney, Thomas Emercik
Fegenbush, William M.
Fiedler, Patrick O.
Finke, John E.
Fisher, Thomas Harry
Flamion, Drew Oral
Flippin, Thomas H
Flynn, Peter R., II
Fodo, Brandon G.
Forest, Adam R. Flynn, Peter R., II
Fodo, Brandon G.
Forest, Adam R.
Fowler, Joseph R.
Fox, Jason K.
Fox, Jeffrey D.
France, Timothy Keith
Frank, Timothy David
Frankenberg, Raymond H., II
Franz, Christopher A.
Fredrickson, Ross A.
Frey, Thomas L.
Fricke, Aaron J.
Funk, Charles O
Furtaw, Paul A.
Gamache, Nelson J.
Garcia, Francisco J
Gardner, Britt Glenn
Garman, Daniel T.
Garrett, Philip E.
Gasser, Andrew R.
Geile, Jeffrey S.
Geiman, Darryl R.
Gelaye, Abell Mola
Georgas, Theodore P.

Gerber, Jason R.
Gessner, Timothy P.
Giannetta, Michael
Gilbert, Eric A.
Giometti, Brian Anthony
Girzl, Henry Edward
Gisondi, Matthew D.
Glass, Melvin G.
Glover, Aaron S.
Glover, Lindsey Lee
Golden, Phillip Joseph
Goslee, Aaron Michael
Grahl, Stephanie M.
Gregg, Robert D.
Grice, James C.
Griffin, Shawn E.
Gronski, Robert
Groth, Arick Dean
Grover, Monika S.
Groves, David M.
Guenin, Andreas
Guzik, Sean Robert Guzik, Sean Robert Hager, Katie A. Hall, Ashley Hallman, Randall J. Halog, Tonya Hamilton, Howard J. Hanafi, Wemphy Haney, Jacob J. Haney, Stewart Christopher Haney, Timothy J. Hanson, Charles R. Hanson, Charles R.
Hanson, James D.
Hardert, Mitchell T.
Hardy, Jeremy D.
Harmon, Scott David
Harner, Joshua Lee
Harrell, David L.
Harris, Melyin Le Roy, Jr.
Harrison, Jack W.
Harshaw, William P.
Hastak, Makarand (Mark)
Hatton, Ronald D.
Hauber, Joseph D.
Hausman, Perry G.
Hawkins, Rebecca Carolyn
Hayko, Michael S. Hawkins, Rebecca Carol Hayko, Michael S. Heathco, Craig Edward Heck, Donald B. Heerdink, Steven Lee Henderson, Ryan M. Hennings, Thomas Herrmann, Brett W. Hiller, Jerod Alan Hipwell, Carl W. Hnatluk, Harvey D Hoban, Joseph T. Hoefler, Scott D. Hoffman, Joseph William Hogan, Donis T. Holcomb, Bruce D. Hopf, Bethany Suzanne Hopkins, Bruce D. Hountz, Matthew James House, Matthew J. Howard, Andre D. Howard, Justin Daniel Havko. Michael S Howard, Andre D.
Howard, Justin Daniel
Hoy, Jason M
Hulse, James S.
Hummel, Kyle R.
Hunt, Daniel L.
Hunt, John Franklin, IV
Hunter, Dustin W.
Hus, James P. Jr.
Irwin, Tory S.
Iyer, Raju R.
Jackson, Christopher M.
Jackson, Christopher M.
Jackson, Jeremiah Dougle Iyer, Raju K.
Jackson, Christopher M.
Jackson, Christopher M.
Jackson, Jeremiah Douglas
Jacobs, Kevin Allen
Jamniczky, Matthew Joseph
Jancaus Kas, Joseph R.
Janke, Aaron S.
Jennings, Jessica A.
Jennings, Lindsey Mc Clain
Joerger, William V
Johnson, David B
Johnson, Robert S.
Jolly, John L., Ill
Jones, Scott Nathan
Judge, Richard Patrick
Judy, Charles E.
Jung, Alvin R.
Kabak, John N
Kane, Michael W.
Karst, Scott A.
Kelley, Debra
Kelly, Jeremy Le
Kent, Stephen W. Kent, Stephen W. Keshavarzi, Firooz Kilgour, Heather Kilgour, Matthew D. Kim, Eugene L. Kim, Joseph Y. Kincaid, Andrew J. King, Adam R. King, Adam R.
King, Andrew J.
Kitsalis, John Peter
Kneip, Patrick
Kochan, Chester F.
Kocher, Nicholas F.
Kopping, Bradley Robert
Kraus, Kenneth L.
Krewson, Joseph M.
Krupski, Alison M.
Krupski, John M.
Krus, Christopher Scott

Kubican, Dan, Jr.
Kuhlmann, Keith J
Kunkle, John Gordon
Lakatos, James C.
Lakin, David Arthur
Lambert, Jason M.
Lambert, Jason M.
Lambert, Jason M.
Lambert, Milliam M.
Lambert, Jason M.
Lambert, Jason M.
Lames, Delayne R
Lantry, Kevin Michael
Larsen, Robert E.
Law, Charles W., Jr
Lazzaro, Donald J.
Leddy, Torre O.
Lee, James Allan
Leighty, Patrick Dennis
Leimback, Jason D.
Leiter, Scott J. Leiter, Scott J. Leon, Jorge Leonard, Joseph Stephen Lindsay, Jesse Michael Liu, Jie LoBuono, Joseph Loizias, Marcos P. Long, Jeffrey James Long, Richard Thomas, Jr Lorig, Gregory A. Loser, Matthew W Love, Michael Allen Lundin, Thomas J Mackos, Ryan C Macumber, Kirk A. Madar, Michael S. Madison, Jason Madrona, Cerenico G. Maier, Francesca Makinson, Andrew P. Malone, Michael S. Mamich, Chuck Mangin, Francis P Mantsch, Abby L. Mapa, Kanishka Marek, Matthew P. Marina, Victor G Marina, Victor G Marino, John F. Marinos, Athanasios T. Markiewicz, Robert J., Jr. Martin, Omar Martin, Timothy M. Martin, Timothy M.
Marthes, George E.
Matta, Samir F.
Matuszewski, John S.
Maurer, Marcus E.
Mayer, Ryan J
Mc Clay, Richard Andrew
McCloskey, Matthew J.
McCoy, Daniel M.
McFarlane, Kenneth J.
McGormley, Jonathan C
McLaughlin, Adam M.
McTavish, Michael J.
McVey, Jennifer L.
Mead, Matthew W.
Meier, David A.
Merlino, Erik J.
Mescher, Kirk T.
Messke, Jonathan M.
Messner, James B. Messner, James B. Mesyef, Hussain K. Metti, Salim F. Meyer, Brenda K. Miller, Dennis L. Miller, Joseph F. Miller, Kim T. Miller, Lisa M. Minden, Kyle T. Minnette, William Andrew Minnette, William Andrew
Minn, Juan S.
Mischke, Dean L.
Mitchell, Thomas D.
Mischell, Thomas D.
Mischell, Thomas D.
Morebe, Sandranell L.
Moorebe, Sandranell L.
More, Erik P.
Morales, Aflene Itzel
Morgan, Brandon C.
Moschpoulos, George
Mosley, Christopher P.
Mubeen, Shahid M.
Mueller, Keith br.
Murphree-Roberts, Michael S.
Murray, Jonathan W.
Muzingo Ewalt, Brian G.
Myers, Erik J.
Myers, Seth D. Myers, Seth D.
Nadalis, Stellos
Nadalis, Stellos
Naderi-Asrami, Ali Akbar
Nash, Jason M
Nelson, Peter E
Neu, John A.
Nicholson, Tommy
Nicksic, Robert J.
Norquist, Christopher K
Norville, Russell Bryant
Noyer, Scott Carl
Obermeyer, Justin Charles
O'Donnell, Brian D.
Oelke, Nicholas T
Oexeman, John Albert
Olivo, Charles D.
Opperman, Jeremy M. Myers, Seth D.

Overheul, Rachel D.
Overholt, William John
Owens, Brian D.
Oyler, Shane D.
Oyler, Shane D.
Ozimok, Eric J.
Panariello, Gary F.
Pappas, Dino M.
Pappas, Bots J.
Parsons, Abigail Elizabeth
Parsons, Jeffrey Nils
Patel, Jaymin
Patel, Jaymin
Patrick, Robert E.
Patterson, Luke G.
Paullus, Robert B., Jr.
Peckinpaugh, Douglas E.
Perez-Cartagena, Rafael Ivan
Perkins, Katherine E.
Perkowski, Andrew O.
Perry, Kevin B.
Peterson, Jon L.
Peytchev, Lubomir D
Phipps, Jeffrey S.
Pierce, Matthew J.
Pierga, John C.
Placek, Andrew Martin
Platz, Andrew J.
Ploeger, Raymond L.
Powell, Bruce C.
Powell, Jonathan C. riveger, Raymond L.
Powell, Bruce C.
Powell, Jonathan C.
Powell, Homas H.
Powell, William R.
Pranger, Nathan P.
Prano, Frank A.
Prenger, Gary J.
Preto, Christopher W.
Pritzl, Matthew D.
Pruske, Anthony Francis
Puffer, Calvin J.
Rabiei, Khalil
Raffensperger, William B.
Raghavan, Ramjee
Ranno, Samuel J.
Rasmussen, Ryan J.
Rasmussen, Ryan J.
Rasgue, Ronald
Reed, Steven C.
Reeves, Michael C.
Reeuter, Gregory Robert Reuter, Gregory Robert Reynolds, Andrea K. Rice, Brian A. reynoids, Andrea K.
Rice, Brian A.
Richards, Abigail S.
Rider, Gregory R.
Rieger, Scott J.
Rinaldo, Derek R
Rish, Jeffrey L.
Rivero, Andres R.
Robarge, Andrew M.
Roberts, Richard T.
Robinson, Daniel J
Robinson, Mark A
Roby, Roger W
Rodich, Michael D.
Rodriguez, Jezreel D.
Rodriguez, Jezreel D.
Roder, Thomas M.
Rohan, Brian M.
Rongstad, Anthony S.
Rooseet, Elizabeth J.
Roscettl, Garry T. Roscetti, Garry Rupach, Benjamin Rudolph, Robert R. Rupp, Joseph A Ryan, Jessica Ryan, Jessica Ryshavy, David R. Sajadi, Hadi Sak, Anthony Sander, John Santoer, John L. Santowasso, Leo M Sarkisian, Gregory Saylor, Kevin R. Sbei, Stanley M. Saylor, Kevin H.
Saylor, Kevin H.
Scanlon, Sandra Colleen
Schelton, Gary W.
Schiltter, John L.
Schmitt, Nickolas M.
Schneider, Jesse
Schortgen, Zachary
Schrage, Bradley Neal
Schwab, Clayton John Gordon
Schwartz, Daniel Morris
Sear, Thomas Raymond
Selyal, Rajesh
Sekol, Christopher P.
Servidio, David A.
Setter, Jamie Marie
Setzekorn, Matthew August
Shaheen, Farris Anthony
Sheehan, Matthew J
Sheets, JoAnna Carly
Shelley, Timothy Gregory Sheets, JoAnna Carly Shelley, Timothy Gregory Shiflett, Ronald B Shigley, Christopher R Shimzu, Ronald Alan Shimzu, Ronald Alan Shimman, Lauren E. Short, William J. Shrestha, Matu R. Siedlecki, Kevin J. Simmons, Deane Jeffrey Simmons, Matthew Lynn Singh, Kunwar Shandilya Kunal Shrawan Singn, numers Shrawan Siple, Scott Matthew Skully, Denise R. Slabaugh, Rebecca Marie Smith, Joshua A. Smith, Leonard Keith

Smith, Troy Lee Snyder, Derek Robert Smith, Troy Lee
Smyder, Derek Robert
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